

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050088

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L27/18 H04L27/34

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/039321 A1 (LEE LIN-NAN ET AL) 27 February 2003 (2003-02-27)	1-6,9-17
Y	abstract paragraphs '0009!, '0010!, '0054!, '0055!; figure 1A paragraphs '0060!, '0063!, '0072!; figures 2B,4B,6B,7B paragraph '0080!; figure 11A	7,8
Y	US 5 066 957 A (MIZUNO ET AL) 19 November 1991 (1991-11-19) column 3, line 16 - column 4, line 6; figures 2,3 column 4, lines 27-44; figures 6,7 ----- -/--	7,8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**\* Special categories of cited documents:**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

06/05/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PURSLEY M B ET AL: "Convolutionally encoded phase-shift-key modulation for multimedia multicast transmission in mobile wireless networks" MILCOM 97 PROCEEDINGS MONTEREY, CA, USA 2-5 NOV. 1997, NEW YORK, NY, USA, IEEE, US, vol. 2, 2 November 1997 (1997-11-02), pages 978-982, XP010260855 ISBN: 0-7803-4249-6 "B. Probability of bit error" on page 979; figure 1</p>	1-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/IB2005/050088

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003039321	A1	27-02-2003	NONE	
US 5066957	A	19-11-1991	JP 3217138 A	24-09-1991
			JP 2280423 A	16-11-1990
			AU 619105 B2	16-01-1992
			AU 5372790 A	25-10-1990
			CA 2015105 A1	21-10-1990